

**SPECIFICATION AMENDMENTS:**

Please replace the paragraphs on page 6, lines 13 through 17 with the following paragraphs:

FIG. 9 is a circuit diagram of a current limiter circuit module according to a second embodiment of this invention; and

FIG. 10 is a schematic diagram of another electromagnetic damper to which the electromagnetic damper control device according to this invention is ~~applied~~applied; and

FIG. 11 is a schematic diagram of an exemplary motor comprising an electromagnetic damper control device according to this invention.

Please replace the paragraphs on page 7, lines 8 through 16 with the following paragraphs:

~~A~~With reference to Figs. 1 and 11, a shaft (ball screw) 4 having screw threads (ridges) on the outer circumference thereof is fitted within the outer tube 2 so as to be free to rotate. The screw threads (grooves and ridges) of this nut 3 and ball screw 4 mutually engage with each other, and when the cylinder 1 slides within the cylindrical outer tube 2, the nut 3 is rotates the ball screw 4. The ball screw 4 is lined to the rotating shaft of a direct current motor 5. The motor 5 contains ~~solenoids and magnets~~solenoids 41 and magnets 42. The solenoids are attached to the rotating shaft 43 and by moving in the vicinity of the magnets, generate an induced electromotive force according to the number of rotations of the motor.